

We Claim:

1. An aspirant collection bag for using in ophthalmic surgery comprising:
a flexible liquid-tight material formed into a bag for collecting aspirant
from a surgical site; and
a fitment for providing a conduit for aspirant flow from a pump
cartridge to an interior of the bag and wherein the fitment is
head-sealed to the bag, such that no adhesive is required to
form a liquid-tight seal between the bag the fitment.
2. The invention of claim 1, wherein each of the bag material and a
material used to form the fitment have essentially the same coefficient
of expansion.
3. The invention of claim 1, wherein the bag material is formed of a co-
layer of nylon and polyethylene and polyethylene is used to form the
fitment.

4. A peristaltic pump cartridge for use in ophthalmic surgery comprising:
a housing;
a pressure transducer assembly attached to the housing;
a length of surgical tubing attached to the housing for engagement
with a pump head of a peristaltic pump;
an aspirant collection bag formed of a liquid-tight flexible material and
attachable to the housing of the bag and including a fitment
heat-sealed to the bag, such that no adhesive is required to
form a liquid-tight seal between the bag and the fitment; and
wherein the fitment is attachable to the housing for providing a conduit
for aspirant to be pumped through the tubing and into an
interior of the bag.
5. The invention of claim 4, wherein each of the bag material and a
material used to form the fitment have essentially the same coefficient
of expansion.
6. The invention of claim 4, wherein the bag material is formed of a co-
layer of nylon and polyethylene and polyethylene is used to form the
fitment.

7. A peristaltic pump cartridge for use in ophthalmic surgery comprising:
a housing;
a length of surgical tubing attached to the housing for engagement
with a pump head of a peristaltic pump;
an aspirant collection bag formed of a liquid-tight flexible material and
attachable to the housing of the bag and including a fitment
head-sealed to the bag, such that no adhesive is required to
form a liquid-tight seal between the bag and the fitment; and
wherein the fitment is attachable to the housing for providing a conduit
for aspirant to be pumped through the tubing and into an
interior of the bag.
8. The invention of claim 4, wherein each of the bag material and a
material used to form the fitment have essentially the same coefficient
of expansion.
9. The invention of claim 4, wherein the bag material is formed of a co-
layer of nylon and polyethylene and polyethylene is used to form the
fitment.